

WHAT IS CLAIMED IS:

1. A method for creating a speech recognition dictionary that is used for creating first document data through voice input in an application, the method
5 comprising the steps of:

detecting if a document data creation processing is started;

reading second document data obtained by the application when the document data creation processing
10 is started;

analyzing the second document data read and extracting at least one unknown word therefrom that does not exist in an existing speech recognition dictionary; and

15 creating a speech recognition dictionary containing the at least one unknown word.

2. A method for creating a speech recognition dictionary that is used for creating a mail through
20 voice input in an application, the method comprising the steps of:

detecting if a mail creation processing is started;

reading document data obtained by the application
25 when the mail creation processing is started;

analyzing the document data read and extracting at

least one unknown word therefrom that does not exist
in an existing speech recognition dictionary; and
creating a speech recognition dictionary
containing the at least one unknown word.

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3. A method according to claim 1, wherein the
application includes a function to send and receive
document data to and from outside, and the second
document data obtained by the application is received
10 from outside by the application.

4. A method according to claim 2, wherein the
application includes a function to send and receive
document data to and from outside, and the document
15 data obtained by the application is received from
outside by the application.

5. A method according to claim 1, wherein the
second document data obtained by the application is a
20 mail that is received by the application.

6. A method according to claim 1, wherein the
second document data obtained by the application is a
web page obtained by the application.

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7. A method according to claim 1, further

comprising the steps of:

detecting if the document data creation processing
is completed; and

deleting the speech recognition dictionary
5 containing the at least one unknown word when the
document data creation processing is completed.

8. A method according to claim 2, further
comprising the steps of:

10 detecting if the document data creation processing
is completed; and

deleting the speech recognition dictionary
containing the at least one unknown word when the
document data creation processing is completed.

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9. A method according to claim 1, further
comprising the steps of:

storing time information indicating when the
speech recognition dictionary containing the at least
20 one unknown word is created; and

deleting the speech recognition dictionary
containing the at least one unknown word when a
specified period of time has elapsed from a time
indicated by the time information.

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10. A method according to claim 9, wherein the

time information indicates date and time when the speech recognition dictionary containing the at least one unknown word is created.

5 11. A method according to claim 1, wherein the at least one unknown word includes a plurality of unknown words, and the method further comprising the steps of:

 storing registration time information for each of
10 the plurality of unknown words, when the speech recognition dictionary containing the plurality of unknown words is created; and

 deleting each one of the plurality of unknown words when a specified period of time set for the each
15 one of the plurality of unknown words has elapsed from a time indicated by the time information.

 12. A method according to claim 11, wherein the registration time information indicates date and time
20 when the each of the plurality of unknown words is registered.

 13. A method according to claim 12, wherein, when the second document data analyzed contains at
25 least one word that is registered in an existing speech recognition dictionary containing unknown words,

the step of extracting the plurality of unknown words includes the step of updating the registration time information of at least one of the unknown words in the existing speech recognition dictionary containing
5 unknown words corresponding to the at least one word contained in the second document data analyzed.

14. A method according to claim 9, wherein the specified period of time is settable to any one of
10 different values.

15. A method according to claim 1, wherein the speech recognition dictionary containing the at least one unknown word extracted is created for each of a
15 plurality of transmission destinations.

16. A method according to claim 2, wherein the speech recognition dictionary containing the at least one unknown word extracted is created for each of a
20 plurality of transmission destinations.

17. A method according to claim 5, wherein the speech recognition dictionary containing the at least one unknown word extracted is created for each of a
25 plurality of subjects of mails received by the application.

18. A method according to claim 6, wherein the speech recognition dictionary containing the at least one unknown word extracted is created for each of a plurality of URLs of web pages.

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19. A control program that renders a computer to realize a method for creating a speech recognition dictionary that is used for creating first document data through voice input in an application, the method comprising the steps of: detecting if a document data creation processing is started; reading second document data obtained by the application when the document data creation processing is started; analyzing the second document data read and extracting at least one unknown word therefrom that does not exist in an existing speech recognition dictionary; and creating a speech recognition dictionary containing the at least one unknown word.

20. A control program that renders a computer to realize a method for creating a speech recognition dictionary that is used for creating a mail through voice input in an application, the method comprising the steps of: detecting if a mail creation processing is started; reading document data obtained by the application when the mail creation processing is

started; analyzing the document data read and
extracting at least one unknown word therefrom that
does not exist in an existing speech recognition
dictionary; and creating a speech recognition
5 dictionary containing the at least one unknown word.

21. A storage medium storing a control program
that renders a computer to realize a method for
creating a speech recognition dictionary that is used
10 for creating first document data through voice input
in an application, the method comprising the steps of:
detecting if a document data creation processing is
started; reading second document data obtained by the
application when the document data creation processing
15 is started; analyzing the second document data read
and extracting at least one unknown word therefrom
that does not exist in an existing speech recognition
dictionary; and creating a speech recognition
dictionary containing the at least one unknown word.

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22. A storage medium storing a control program
that renders a computer to realize a method for
creating a speech recognition dictionary that is used
for creating a mail through voice input in an
25 application, the method comprising the steps of:
detecting if a mail creation processing is started;

reading document data obtained by the application when the mail creation processing is started; analyzing the document data read and extracting at least one unknown word therefrom that does not exist in an existing
5 speech recognition dictionary; and creating a speech recognition dictionary containing the at least one unknown word.

23. A device for creating a speech recognition
10 dictionary that is used for creating first document data through voice input in an application capable of sending document data, the device comprising:

a detection module that detects that a document data creation processing is started;

15 a reading module that reads second document data obtained by the application when the document data creation processing is started;

an extraction module that analyzes the document data read and extracts at least one unknown word that
20 does not exist in an existing speech recognition dictionary; and

a creation module that creates a speech recognition dictionary containing the at least one unknown word.

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24. A device for creating a speech recognition

dictionary that is used for creating a mail through voice input in an application capable of sending mails, the device comprising:

- a detection module that detects that a mail
- 5 creation processing is started;
- a reading module that reads document data obtained by the application when the mail creation processing is started;
- an extraction module that analyzes the document
- 10 data read and extracts at least one unknown word that does not exist in an existing speech recognition dictionary; and a creation module that creates a speech recognition dictionary containing the at least one unknown word.